Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 29 Jan 2023 until 23:59 on Monday 30 Jan 2023

Forecast Issued on Saturday 28 Jan 2023 at 11:22

Confidence: High, but Medium for cloud details.

Headline for Sunday 29 Jan 2023: Dry and bright start. Lowering cloud with mist, drizzle and strengthening winds.

Mountain weather hazards on Sunday 29 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Mist	Cloudy	Cloudy	Mist	Fog	Drizzle	Light rain	Sleet
Precipitation probability							
<05%	00%	00%	<05%	30%	60%	70%	50%

Forecast for Sunday 29 Jan 2023

Weather: Dry overnight, some summit cloud, perhaps misty at times in the south. Some early bright spells, but cloud probably becoming extensive around the summits by midday with mist and drizzle through the afternoon, then more persistent rain in the evening, turning wintry over the summits.

Chance of cloud-free hill tops above 800m: 60% early morning, becoming 10% in the afternoon

Low cloud and visibility: Occasional or patches around the summits, becoming extensive around 500m by midday, lowering 300m or less at times later. Visibility mainly very good at first, except in summit cloud, becoming moderate to very poor during the day.

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Met Office Mountain Weather Forecast

Forecast for Sunday 29 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 SW	23/28 W	23/29 W	25/32 SW	29/38 SW	34/44 SW	40/54 W	37/50 W	36/49 W
600	13/19 SW	18/26 W	19/26 SW	22/30 SW	23/31 SW	27/38 SW	31/45 W	28/42 W	27/42 W
300	4/14 W	7/20 W	8/21 W	9/23 SW	10/27 SW	12/31 SW	13/38 W	13/35 W	14/36 W
Valley	3/11 SW	6/18 W	8/20 W	10/23 SW	11/25 SW	14/29 SW	15/34 W	12/30 W	14/31 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-6	-0/-8	-1/-8	-1/-8	0/-7	2/-6	2/-5	0/-8	-1/-10
600	1/-4	1/-5	1/-5	1/-5	2/-4	3/-3	4/-2	2/-4	1/-6
300	3/2	3/0	3/-0	3/-0	4/0	5/1	6/2	5/1	4/-1
Valley	5/4	5/3	5/2	6/3	6/3	7/4	8/5	7/4	6/3
Freezing Level*	800m	700m	800m	800m	1500m	1500m	1700m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Forecast for Monday 30 Jan 2023

Weather: Mainly dry and clear overnight, perhaps the odd wintry shower, then dry and bright during daylight hours with occasional sunny spells. Feeling cold in the strong northwest winds over the summits. Lowering cloud with outbreaks of rain and summit snow developing in the evening.

Maximum wind: Northwest 25 to 30mph, gusting 40mph with a severe wind chill, backing Southwest later.

Chance of cloud-free hill tops above 800m: 70% lowering 20% later in the evening.

Low cloud and visibility: Occasional or patchy cloud around the summits at times, becoming extensive, base 600m, later in the evening. Visibility very good except in any summit cloud, becoming moderate to very poor later in the evening.

Temperature: **Valleys:** Plus 2 Celsius rising to 6 Celsius
At 800m: Zero to Plus 2 Celsius
Freezing level: 600 to 800m, rising above the summits late in the evening.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 28 January. Location: Helvellyn summit at 13:11. Temperature: plus 1.1degC. Maximum wind speed 13.3mph. Wind chill: minus 4.8degC. Average wind speed: 9.9mph
Full report:
A cloudy day with light rain improving only slowly through the day. The majority of the fells are snow-free apart from old drifts in sheltered depressions, however, larger areas of snow are still present, predominantly on Helvellyn and its surrounding fells and most notably on shady north and east-facing slopes above 800m. In these areas accumulations remain up to knee-deep in-depth and cornices (snow overhangs) are present around corrie rims. The snow today was soft lower down but became firmer with height, particularly in areas where it has been compressed by walkers' feet.
The Helvellyn edges are a mixture of exposed rock and snow, and anyone considering these or similar steep and exposed routes are advised to carry an ice axe and crampons/microspikes. It's also worth noting that winds up to 70mph are in the forecast for tomorrow.
Full winter clothing (warm and waterproof) including hats and gloves, as well as a map, compass, and headtorch, are all essential for anyone venturing into the high fells.

This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 1122 on Sat 28 Jan 2023

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